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APPLICANT : TORAY IND INC;

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TITLE : ORGANIC ELECTROLUMINESCENT DEVICE

ABSTRACT : PROBLEM TO BE SOLVED: To provide organic field light-emitter which has high luminescence efficiency, low drive voltage, and high durability.

SOLUTION: In the organic field light-emitter, including thin film layer, which includes an emission layer and electron transport layer, which at least consist of an organic compound, and a second electrode formed on the thin film layer, on a first electrode formed on a substrate, the electronic transport layer consists of an organic compound having a molecular weight of 400 or more, donor type impurities are doped, at least in one part of the electron transport layer, and the organic compound has a site, in which the chelate coordination of donor type impurities is possible.

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